& Final

Orginal/Duplicate/Triplicate

AEE/TDSD/SBR/8/17-18

CONTRACT CERTIFICATE

(For other works)

Date: dt 24/4/17

.....

n: Sub-Division:

eived No. 32 Dated. 28/4/17 Cash Book Vocher No. ..... Dated.....

ed Docket No.....

f work (as Per Sanctioned Estimate.):: **Improvements to roads & drains at 10th cross & other cross roads at unathnagara ward no. 14 Bagalagunte (2nd call)**

Head of Account. P-3089

of Contracter: **Sri. M. R. Girish, #48/3, 6th cross, Srinivasnagara, Vishwaneedam (po), Sunkadakatte, lore- 560091** M-R- Girish Gowda

ce to Agreement No: 103/T-1-17 **Dated:**

d that the measurements were taken by me on 24/4/17 and recorded in pages. 5642 19/1 to 5642 19/2

ements Book No. ~~2643~~ 5642 to 5643 and that the work is satisfaction executed

tor Signature.

Officer-in-charge of work.

d that the measurements were taken by me on 24/4/17 and found correct. The work is satisfactorily executed

d that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not sly received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work ection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the

randum of Payment **Work Code No.** 014-16-000034 Sub – Division Officer

	Amount
Total Value of work done or supplies made as per account.	
Deduct amount to be held in reserve being ..... Percent Rs. 1st & Final Bill	2532269=00
Deduct amount to be held in reserve being balance	
Deduct payments:	
a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No..... Amount adjusted towards cash advance recovery of	
b) Payments cost store or other materials supplied.	
Balance being unpaid value of work done held in reserve	
Total. IT	25322=00
VAT	101290=00
LWF	25322=00
CBF	2532=00
Roy	35652=00
Fine	500=00
	→ 190618=00
Deduct cash advance made on the office cash book vehicle No..... Dated..... Less adjustments	
Net amount due to or from contractor	Net → 2341631=00
Unadjusted items	
Advance to contractor for materials brought to site (as detailed) within value of	
Government materials supplied.	
Government materials supplied.	

08/5/17

Audited and admitted for Rs. 2532269=00

Passed by Cheque for Rs. 2341631=00

(.....)

.....(in wards). 190618=00

Contractor Signature.

by adjustment of payment as per memorandam.

Exe. Engineer

(for use in the office)

.....

y cheque..... Dated.....

..... Dated.....

ficer making payment dated.....

Signature of Contractor.

Sl. No.	Description of Items	Un
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3	C
2	Removing B. S Slab of drain and stacking etc., complete as per the specification	S
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs. With 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15cm thick, well comacted in foundation and plinth including cost of all materials, labour HOM of machinery curing etc., complete as per specification and direction of engineer in charge of the work.	C
4	Providing and laying in position plain cement concrete of nominal mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth including cost of all materials, labour HOM of machinery, curing complete as per specifications.	S
5	Providing and laying in position plain cement concrete of nominal mix M 1:2:4 with cement @ 240 kgs. With 20mm and down size graded granite metal coarse aggregages @ 0. 69 cum and fine agggegate @ 0.459cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted in foundation and plinth, cost of all materials, labour HOM of machinery curing complete as per specifications.	C
6	Refixing stone slabs of drains and pointing in CM 1:3 etc compelte as per specification	S
7	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick complete as per the direction of the engineer in charge of the work	S
8	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications	S
9	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reifnorcement as epr design and drawing mateial cost, transportation, hire charges of machinery, mahcine cutting the vertical face to to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges incusive of cost of mateirals,	S
10	For Grading I mateial construction of granular sub-base by providing coarse graded crushed stoned aggregates of Granite/trap/basalt mateial spreading in uniform layers inwith motir grader on prepared surface mxing by a mix in place method with rotawater at OMC, and compacting with vibratory rollr to achieve the desired densit, compelte as per specificaiton by mix in a place method for course Graded Granular sub base material as per 400-2 for grading I mateial complete as per the direction of Engineer in charge of work	C

it	Previous Measurement			Present Measurement			Total Up-to-date	
	Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
Cum								
um	—	—	—	249-00	83-16	20706-00	249-00	20706-00
qm	—	—	—	80-50	62-72	5139-00	80-50	5139-00
um	—	—	—	13-50	5070.6 5076-60 ~~50-76~~	68453-00	13-50	68453-00
qm	—	—	—	6-00 ~~10-40~~	5491-80 ~~5470-72~~	32950-00 ~~57103-00~~	6-00 ~~10-40~~	~~32~~ 9500 ~~57103-00~~
um	—	—	—	10-40 ~~121-50~~	5090-72 ~~88-84~~	~~57103-00~~	10-40 ~~121-50~~	57103-00 ~~95779-00~~
qm	—	—	—	~~121-50~~	~~78-84~~	~~9579-00~~	~~121-50~~	~~95779-00~~
qm	—	—	—	~~180-00~~	~~950-00~~	~~1710000-00~~	~~180-00~~	~~1710000-00~~
qm	—	—	—	180-00 ~~865-00~~	950-00 ~~1300-00~~	1710000-00 ~~1797000-00~~	180-00 ~~562-00~~	1310000-00 ~~1797000-00~~
qm	—	—	—	369-00 ~~421-00~~	~~4797000-00~~ ~~1300-00~~ 1300-00	4797000-00	369-00	4797000-00
um	—	—	—	742-00	1200-00	890400-00	742-00	88800-00

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

11	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and comapcting with vibratory roller to achieve the desired density compelte as epr specification specification No 406 with all leads and lifts etc., complete as epr the direction of engineer in charge of the work	
12	Providing and applying primer coat with S. S Bitumen emulsion on prepared surface of granular base such as WBM, WMM incouding clearing of road surface and spraying primer at the rate of 0.6 kg/ sqm using mechanical means complete as epr direction of the engineer inc harge of the work.	
13	cleaning the existing black topped surface with brooms, soft brushes and finally dusting with odl gunny bas and /or compressed air to receive bituminous treatment including cost of all mateials labour HOM of machineries compelte as per specification complete as per the	
14	Providing and applying tack coat on the prepared black topped surfaces at 5 kg per 10sqm heating bitumen in boiler fitted with spray set (Exclduing cleaning of road surface) including cost of all materials, labour HOM of machineries compelte as per the direction of Engineer incharge in charge of the work	
15	Providing and laying bituminous macadam on prepared surface with crushed coarse aggreagates as per design mix formula for base/binding course including loading of aggregates with F. E loader, hot mxing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed mateial in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm comapcted thickness with 3.3% bitumne but excluding the cost of primer /tack coat with lead inc. cost of all material, labour HOM of machineries complete as per specifications with 80/100 grade bitumen using 40/60TPH capacity HMP with Mechancial paver Gr II (50/75mm) with 3.3% VG-30 Bitumen as per the directions of Engineer in charge of the work	
16	Providing and laying bituminous concrete with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment, rolling, with smooth wheeled vibratory and tandem rollers to acheive the desired compaction as per MORTH specificaiton clause no. 500.9 complete in all respects complete as per specification no. 509. using 40/60TPH Capacity HMP with mechanical paver Gr-II (30mm to 45mm) with 6% VG-30 Bitumen complete as per the direction of engineer in charge of the work	
17	Disposal of debris to the final plac eof disposal with all lead and lift and as direction by the engineer in charge of the work lead 4 KM a) Basic rate for haulage of materials as per item No. 17.4 /KSSRRB. M 100-4.1..... Rs. 2.00 Tonne/Km b) Average earth o fwork 1.28 Tonne/KM for Rs. 200/Km c) Add loading and unloading	

CERTIFICATE

1 This is to certify that the contractor has completed the work satisfactorily.
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the coveying the debries.
4 There are no departmental issues for the above work.

Cum	—	—	—	148 m	130 m	19240 m	148 m	19240 m
qm	—	—	—	1742 m	32-40	56440 m	1742 m	56440 m
Sqm	—	—	—	1742 m	3-24	5644 m	1742 m	5644 m
Sqm	—	—	—	1742 m	15-12	26339 m	1742 m	26339 m
cum	—	—	—	37 m	550 m	20350=0	37 m	20350 m
Cum	—	—	—	123 m	84 m	10395 m	123 m	10395 m
um	—	—	—	252 m	84-50	21294 m	252 m	21294 m
			Total	—	—	253224 m		

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಜಿ.ಪಂ.ಹಾವೇರಿ ಉಪ-ವಿಭಾಗ
ಸಾರಿಗಿಡಿಕೆ ಹಾವೇರಿ
ಪಂಚಾಯತ

Cum	—	—	—	148m	130m	19240m	148m	19240m
qm	—	—	—	1742m	32.40	56440m	1742m	56440m
Sqm	—	—	—	1742m	3.24	5644m	1742m	5644m
Sqm	—	—	—	1742m	15.12	26339m	1742m	26339m
cum	—	—	—	37m	550m	20350=0	37m	20350m
Cum	—	—	—	1237	84m	103950m	1237	103950m
um	—	—	—	252m	84.50	21294m	252m	21294m
			TOtal			2532249m		

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಜಿ.ಪಂ.ಸಿವಿಲ್ ಉಪ-ವಿಭಾಗ
ಮಾಗಡಿ ತಾಲ್ಲೂಕು
ಬೆಂಗಳೂರು